

**Goals:**

- Students will build upon the concepts taught in Algebra I and Geometry while adding new concepts to their repertoire.
- Students will gain critical thinking skills to help them become problem solvers in their own lives.

**Curriculum:**

- Algebra II builds upon the concepts developed in Algebra I and II. Topics covered will be: linear systems, quadratics functions, factoring, polynomial functions, rational functions, radical functions, exponential functions, logarithmic functions, and matrices.
- In order to ensure that our students have an introduction to probability and statistics, this course will devote part of the second semester to these vital topics.

**Requirements:**

- **Homework:** Mathematics can only be learned by **doing**. Assignments are an integral part of the learning process. Homework is assigned almost every night.
- **Calculator:** Many scientific calculators are appropriate; however, the math department recommends a TI-84.
- **Absence:** Students who miss school are responsible for the material covered in their absence and for the assignments missed. The deadline for making up tests or quizzes will be the day of return for an absence of one day, the second day of return for an absence of two days, etc.

**Assistance:**

- Extra help is available from me before or after school by appointment.

**Grading:**

- Your percentage grade will be determined by the total number of points earned divided by the total number of points possible. Grades will include projects, quizzes, and tests.